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CDKN2C Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Image



Go to Product page

Overview	V
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Overview	
Quantity:	20 μg
Target:	CDKN2C
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN2C protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human CDKN2C / p18INK4c (transcript variant 2) protein expressed in HEK293
	cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	CDKN2C
Alternative Name:	Cdkn2c,p18ink4c (CDKN2C Products)
Background:	The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase
	inhibitors. This protein has been shown to interact with CDK4 or CDK6, and prevent the
	activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle

Target Details

	G1 progression. Ectopic expression of this gene was shown to suppress the growth of human cells in a manner that appears to correlate with the presence of a wild-type RB1 function. Studies in the knockout mice suggested the roles of this gene in regulating spermatogenesis, as well as in suppressing tumorigenesis. Two alternatively spliced transcript variants of this gene, which encode an identical protein, have been reported.
Molecular Weight:	17.9 kDa
NCBI Accession:	NP_523240
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze

immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot